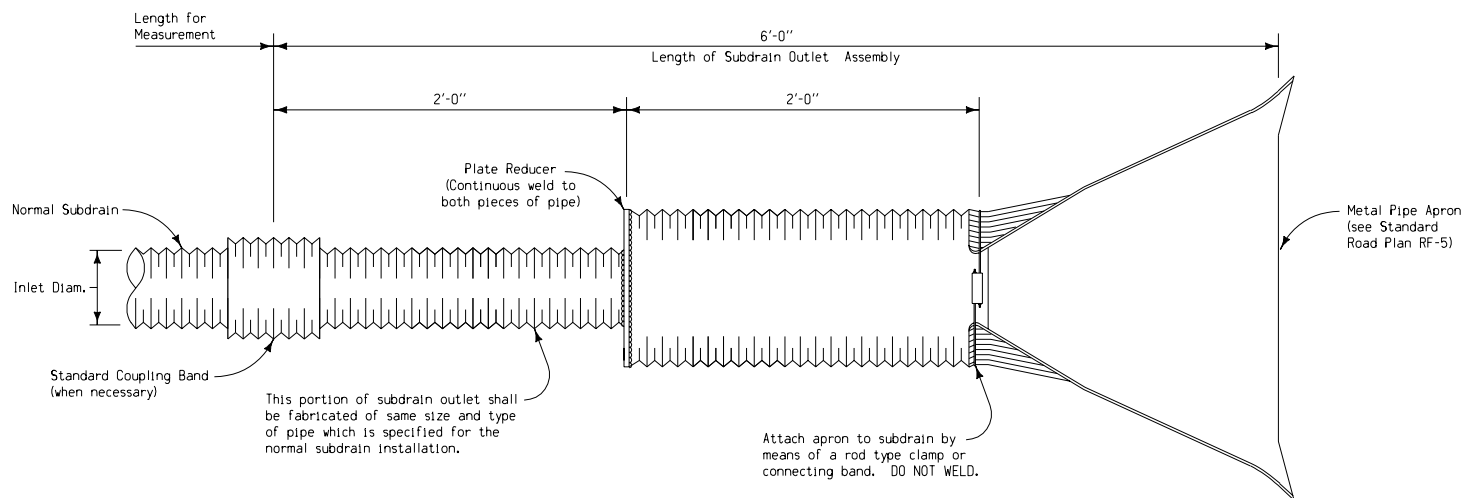


LONGITUDINAL VIEW



PLAN VIEW

GENERAL NOTES:

Materials and methods of construction shall be in accordance with current Standard and Supplemental Specifications.

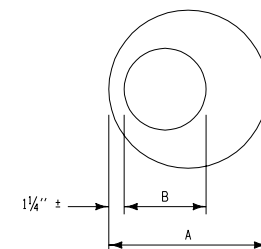
Each outlet end shall be covered with a removable 3/8 inch galvanized mesh cap fastened with four 2 inch cotter pins at the quarter points of the outlet pipe.

The material required for the complete "RF-22 Subdrain Outlet" assembly are: 12 inch metal pipe apron, 2 linear feet of corrugated metal pipe of the dimension specified in detail plans for subdrain, 2 linear feet of 12 inch corrugated metal pipe, one plate type reducer, and a 3/8 inch galvanized mesh cap with cotter pins.


The metal apron shall be similar to Standard Road Plan RF-5 (Dimension "Q" shall be considered 48 inches for the purpose illustrated hereon).

The plate reducer shall be of minimum 14 gage galvanized flat stock of 12 inch nominal diameter fabricated as shown hereon.

The price bid for each "Subdrain Outlet, RF-22" shall be considered full compensation for fabrication and installation of the assembly, including all necessary connections. Refer to project plans, (tabulation of subdrain work) for details of individual installations.



Diameter of plate (Dimension A) and diameter of plate opening (Dimension B) shall be as necessary to provide for attachment to culvert pipes as indicated. Nominal diameter of inlet pipe is 6 inches. If necessary, plate may be rotated at time of installation to adjust flow-line of apron.

 Iowa Department of Transportation Project Development Division	
STANDARD ROAD PLAN	RF-22
REVISION: Redrawn in CAD.	REVISION NO. 6
APPROVED BY: <i>John C. Christ</i> 05-24-99 DESIGN METHODS ENGINEER	REVISION DATE 09-21-99
SUBDRAIN OUTLET (METAL PIPE APRON)	